

PATENT
Docket No.: ST97001CI2(209-US-CIP2)
09/604,595

AMENDMENTS

TO THE SPECIFICATION

Applicants have numbered the pages of the specification, and the specification with page numbers and the amendment below, consisting of 34 pages, is appended to this Response. The new docket number and the Serial Number have been added in the upper right-hand corner of each page in place of the prior docket and matter numbers.

Please replace the paragraph on page 4, lines 4 – 10, which begins with “A number of technical advances”, with the following rewritten paragraph:

- - A number of technical advances are achieved in the art, by implementation of an improved matched filter system for despreads a ~~PN code from~~ a spread spectrum signal using a PN code. The improved matched filter system may be broadly conceptualized as a system that optimizes the number of multipliers and adders utilized by the system in despreads a ~~PN code from~~ a spread spectrum signal using a PN code; thus lowering the power consumption of the improved matched filter system and increasing the speed at which the system despreads a ~~PN code from~~ the spread spectrum signal using a PN code. - -